

FORM PTO-1449 MODIFIED INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Docket No.: C330.I04.101 APPLICANT: Nigel Langford et al. NATIONAL STAGE ENTRY: October 12, 2004 GROUP ART UNIT: Unknown		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JC	5,636,035	06-1997	Whittaker et al.	—	—	
FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
JC	0 877 454 A1	11-1998	EP	—	—	
JC	43 31 847 A1	04-1004	DE	—	—	X
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)						
JC	Bracewell, "The Fourier Transform and its Applications," pp.177-180, 1965.					
JC	Patent Abstracts of Japan, 07/27/1988, Abstract of JP 63182550					
JC	Namjou et al., "Sensitive Absorption Spectroscopy with a Room Temperature Distributed Feedback Quantum Cascade Laser," Optics Letters Vo. 23, No. 3, pp. 219-221, 1998.					
JC	Duxbury, "Infrared Vibratlon-Rotation Spectroscopy," Chapters 5 and 9, 2000.					
JC	Kosterev et al., "Trace-gas Detection in Ambient Air with a Thermoelectrically Cooled, Pulsed Quantum-Cascade Distributed Feedback Laser," Applied Optics Vo. 39, No. 36, pp. 6866-6872, 12-2000.					
JC	Werle et al., "Near and Mid-Infrared Laser-Optical Sensors for Gas Analysis," Optics and Lasers in Engineering, pp. 101-114, 2001.					
JC	Webster et al., "Quantum-Cascade Laser Measurements of Stratospheric Methane and Nitrous Oxide," Applied Optics, Vol. 40, No. 3, pp. 321-326, 01-2001.					
JC	Beyer et al., "Compact System for Gas-Measurements with Quantum-Cascade-Lasers," Third International Conference on Turntable Diode Laser Spectroscopy, 07-2001.					
JC	Normand et al., "Characterisation of the Spectral Behaviour of Pulsed Quantum Cascade Lasers using a High Resolution Fourier Transform Infrared Spectrometer," Optics Communications, 197, pp. 115-120, 09/15/2001.					
JC	Kosterev et al., "Trasportable Automated Ammonia Sensor Based on a Pulsed Thermoelectrically Cooled Quantum-Cascade Distributed Feedback Laser," Applied Optics, Vol. 41, No. 3, 01/20/2002.					
J.C.	Copy of International Search Report for Application No. PCT/GB03/01510.					
EXAMINER SIGNATURE			/Jonathon Cook/		DATE CONSIDERED	
					03/08/2007	
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